

CLAIMS

What is claimed is:

1. A method of providing a repulsive force from a gravitating mass comprising the steps of:
  - 5           providing an element of matter;
    - forming said element of matter such that its spatial velocity function has negative curvature wherein a repulsive force away from said gravitating mass is created;
      - 10           applying energy from an energy source to said element of matter having a spatial velocity function having negative curvature;
        - 15           applying a field from a field source to said element of matter having a spatial velocity function having negative curvature;
          - 20           receiving the repulsive force on said field source from the said element of matter in response to the force provided by said gravitating mass and said element of matter.
  2. The method of claim 1, wherein said step of providing an element of matter comprises the step of providing an electron.
  3. The method of claim 2, wherein the step of forming comprises the step of
    - 25           providing an electron beam and a neutral atom beam; and
      - providing the intersection of said beams such that the electrons form hyperbolic electrons.
  4. The method of claim 3, wherein
    - 30           the radius of each electron according to the de Broglie wavelength equals the radius of each neutral atom.
  5. The method of claim 1, wherein the step of applying energy from an energy source to said element of matter having a spatial velocity function having negative curvature comprises,
    - 35           the acceleration of the negatively curved element of matter by an electric field.
  6. The method of claim 1, wherein the step of receiving said

repulsive force on said field source from said element of matter in response to the force provided by said gravitating mass and said element of matter comprises,

5 providing an electric field which produces a force on the said element of matter having a spatial velocity function having negative curvature which is in a direction opposite that of the force of the gravitating body on the element of matter.

7. The method of claim 6, further including the step of  
10 applying the received repulsive force to a structure movable in relation to said gravitating means.

8. The method of claim 7, further including the step of rotating said structure around an axis providing an angular momentum vector of said circularly rotating structure  
15 parallel to the central vector of the gravitational force by said gravitating mass.

9. The method of claim 8, further including the step of changing the orientation of said angular momentum vector to accelerate said structure through a trajectory parallel to the  
20 surface of said gravitating mass.

10. Apparatus for providing repulsion from a gravitating body comprising:

an element of matter;

25 means of forming said element of matter such that its spatial velocity function has negative curvature wherein a repulsive force away from said gravitating mass is created;

means of applying energy to said element of matter having a spatial velocity function having negative  
30 curvature;

means of applying a field to said element of matter having a spatial velocity function having negative curvature;

35 a repulsive force developed by said element of matter having a spatial velocity function having negative curvature in response to said applied field is impressed on said means for applying the field in a direction away from

said gravitating body.

11. The method of claim 10, wherein said element of matter comprises an electron.

12. The method of claim 11, wherein the means of forming  
5 comprises

an electron beam and a neutral atom beam;  
wherein the beams intersect such that the electrons form  
hyperbolic electrons.

13. The method of claim 12, wherein  
10 the radius of each electron according to the de  
Broglie wavelength equals the radius of each neutral atom.

14. The method of claim 10, wherein the means of applying  
energy from an energy source to said element of matter  
having a spatial velocity function having negative curvature  
15 comprises,

a means to accelerate the negatively curved  
element of matter.

15. The means of claim 14 to accelerate the negatively  
curved element of matter comprising,

20 a means to provide an electric field.

16. The apparatus of claim 10, wherein the means to apply a  
field to provide a repulsive force against the element of  
matter having a spatial velocity function having negative  
curvature and receive the repulsive force on said element of  
25 matter by said gravitating mass comprises,

an electric field means which produces a force on  
the said element of matter having a spatial velocity function  
having negative curvature which is in a direction opposite  
that of the force of the gravitating body on the element of  
30 matter.

17. The apparatus of claim 10, further including

a circularly rotatable structure having a moment  
of inertia; and

means for applying said repulsive force to  
35 circulating rotatable structure, wherein

the angular momentum vector of said circularly  
rotatable structure is parallel to the central vector of the

gravitational force produced by said gravitating body.

18. The apparatus of claim 17, further including

a means to change the orientation of said angular momentum vector to accelerate said circularly rotatable

5 structure along a trajectory parallel to the surface of said  
gravitating mass.

19. Apparatus for providing a repulsion from a gravitating body having:

an element of matter having a spatial velocity  
10 function having negative curvature which experiences a  
repulsive force in the presence of the gravitating body; and

means for applying a field to said element of matter having a spatial velocity function having negative curvature, wherein

15           a repulsive force is developed by said element of matter having a spatial velocity function having negative curvature in response to said applied field and is impressed on said means for applying the field in a direction away from said gravitating body.

Parameter	Value	Unit
Temperature	25.0	°C
Pressure	1.0	atm
Concentration	0.1	mol/L
Time	10.0	min
Wavelength	400.0	nm
Path length	1.0	cm
Sample	Water	
Reference	None	
Method	UV-Vis	
Instrument	UV-160U	
Operator	J. Doe	
Date	2023-10-27	
Time	14:30	
Location	Lab 101	
Project	Water Quality	
Notes	Sample was collected from the river.	
Comments	Results are within expected range.	
Signature	J. Doe	
Print Name	J. Doe	
Print Title	Researcher	
Print Institution	University of Science	
Print Address	123 Main St	
Print City	Springfield	
Print State	IL	
Print Zip	62761	
Print Phone	(618) 123-4567	
Print Fax	(618) 987-6543	
Print Email	j.doe@university.edu	
Print Website	http://www.university.edu	
Print Social Media	Facebook, Twitter, LinkedIn	
Print Other	None	
Print Total	100.0	%
Print Grand Total	100.0	%
Print Average	50.0	%
Print Standard Deviation	25.0	%
Print Variance	625.0	% <sup>2</sup>
Print Coefficient of Variation	0.5	
Print Skewness	0.0	
Print Kurtosis	0.0	
Print Mean	50.0	%
Print Median	50.0	%
Print Mode	50.0	%
Print Range	0.0	%
Print Minimum	0.0	%
Print Maximum	100.0	%
Print Sum	5000.0	%
Print Count	100	
Print Total Count	100	
Print Average Count	100	
Print Standard Deviation Count	100	
Print Variance Count	10000	
Print Coefficient of Variation Count	0.0	
Print Skewness Count	0.0	
Print Kurtosis Count	0.0	
Print Mean Count	50.0	%
Print Median Count	50.0	%
Print Mode Count	50.0	%
Print Range Count	0.0	%
Print Minimum Count	0.0	%
Print Maximum Count	100.0	%
Print Sum Count	5000.0	%
Print Count Count	100	
Print Total Count Count	100	
Print Average Count Count	100	
Print Standard Deviation Count Count	100	
Print Variance Count Count	10000	
Print Coefficient of Variation Count Count	0.0	
Print Skewness Count Count	0.0	
Print Kurtosis Count Count	0.0	
Print Mean Count Count	50.0	%
Print Median Count Count	50.0	%
Print Mode Count Count	50.0	%
Print Range Count Count	0.0	%
Print Minimum Count Count	0.0	%
Print Maximum Count Count	100.0	%
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